

Miami Dade County 4th Quarter 2010 Residential Single Stream Program

124,176 Mature Trees

This represents enough saved timber resources to produce more than 1.54 Billion sheets of newspaper!



23,631 Barrels of Oil

This provides enough energy to heat and cool more than 58,984 homes for one month!

In the 4th Quarter 2010, Miami Dade County recycled:

805 tons of cardboard/paper;
7,903 tons of Newspaper; 820 tons of mixed paper; 206 tons of tin cans; 992 tons of plastics;
131 tons of aluminum;
and 3,354 tons of glass.

We also managed 1,535 tons of residue at Waste-to-energy (WTE) facilities.

Recycling these materials avoided their manufacturing from virgin materials thereby conserving these natural resources. Use of WTE also generated electricity as noted.



Avoided 17,435 Metric Tons (MTCO₂E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

48.4 million Kw-Hrs of Electricity from Recycling

This is enough power to fulfill the monthly electricity needs of more than 48,438 homes!



4 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 4,048 homes!

48,398 Cubic Yards Of Landfill Airspace

This represents enough airspace to fulfill the municipal waste disposal needs for 756,223 people for one month!



66.7 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 889,280 people!